Nebraska Wesleyan University

CHEM 4000 Introduction to Polymer Chemistry

Catalog

2024-2025

Course Description

Introduce students to the chemical reactions, properties, and applications of both thermoset and thermoplastic polymers. Physical and mechanical test methods specific to the polymer industry will studied with emphasis placed on instrumentation unique to the commercial and polymer chemistry and material science field.
Two lectures per week.
Prerequisite(s): CHEM 3090 Organic Chemistry III: Intermediate Organic Chemistry and CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics. MATH 1610 Calculus II strongly recommended.

Course Hours

3 hours

Departments

1. Chemistry